BELKIN

FireWire 800 ExpressCard™

User Manual

F5U514

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Introduction

Congratulations and thank you for purchasing the FireWire 800 ExpressCard (the ExpressCard) from Belkin. This ExpressCard offers notebook users a fast and convenient way to add a FireWire® port that can take advantage of the increased bandwidth and features the new ExpressCard I/O interconnection standard delivers.

Why ExpressCard?
ExpressCard, the standard destined to replace CardBus, quadruples your computing bandwidth. This results in faster music downloads, smoother streaming video, and lightning-fast access to mass-storage devices.

The ExpressCard provides the perfect solution for simultaneously streaming movies and downloading video from your camcorder to your hard drive—without risking that your computer will freeze, crash, or slow to a trickle. ExpressCard future-proofs your computer with technology so advanced that it exceeds the processing speed of many devices currently on the market. This means that installing the ExpressCard now assures you of device-upgrade expansion room for many years to come.

Please carefully review this User Manual so that you can take full advantage of all the capabilities the Belkin FireWire 800 ExpressCard offers.

Benefits

- Meets PCI Express Base Specification Revision 1.1
- Delivers single-lane (x1) PCI Express throughput support rates of 2.5Gbps
- Complies with ExpressCard 34mm-wide module specification
- Builds in 2 external, independent 6-pin FireWire 800 ports
- Supports 1394 Open Host Controller Interface (OHCI) Specification 1.1
- Features IEEE 1394b-compliant ports at 100-, 200-, 400-, and 800Mbps
- Equips 1 DC jack for using power adapter to provide 12VDC power output
- Complies with IEEE 1394, 1394a, and 1394b
- Allows you to connect/disconnect devices without powering down the system (hot-swappable)

System Requirements

- Windows®-based or Mac® notebook with available ExpressCard slot
- Windows 2000 and XP
- Mac OS® X v10.4.x and above

Package Contents

- FireWire 800 ExpressCard
- CD Driver
- User Manual

Software Setup

IMPORTANT NOTE: You must install the FireWire 800 ExpressCard drivers prior to installing the hardware to your computer.

1. Insert the FireWire 800 ExpressCard installation CD into your CD-ROM drive. After a few moments, the main menu automatically starts.

   Note: If the main CD does not auto-start, click the "Start" button and select "Run". From the "Run" dialog box, enter "<driver>:\setup_xp2.exe" and click "OK" (where "<driver>" represents the letter driver that identifies your CD-ROM drive under "My Computer"—e.g., if the CD is in drive D, enter "D:\setup_xp2.exe").
2. Select "FireWire 800 Driver". The Software Installation Wizard appears and begins to download the drivers.
3. If you receive the following "Software Installation" notice, click on "Continue Anyway" to continue with the installation process.
4. After the files successfully copy over, you are ready to install the hardware.

Hardware Installation

1. Locate your notebook's ExpressCard bus slot(s).

2. With your notebook on, slide the ExpressCard into the unused 34mm or 54mm ExpressCard bus slot.

Note: Do not plug any devices into the ExpressCard until you have completely finished the driver installation.

3. The "New Hardware Wizard" launches and recognizes the ExpressCard.

4. Windows OS automatically installs the correct driver.

5. Installation is now complete and the ExpressCard is ready to use.

Verifying Proper Installation

Check the “Windows Device Manager” to confirm that your ExpressCard has been properly installed.

1. Right-click on “My Computer” and select “Manage”.
2. Select the “Device Manager” tab.
3. Click the (+) sign next to “IEEE 1394 Bus host controllers”. The “IEEE 1394 Bus host controllers” will now include one entry that reads “OHCI IEEE 1394b Host Controller”.

The ExpressCard and devices connected to the computer do not work properly.

Please do the following:

1. Check that all the cables you are using are the correct types, and that they are all securely connected.
2. Make sure all devices are powered on and connected to the proper power supply and source.
3. Reconnect daisy-chained devices you may have disconnected for installation. If reconnecting does not clear up the problem, restart your computer.
4. Make sure you have properly installed the ExpressCard.

The computer did not detect the ExpressCard.

1. Make sure that the ExpressCard is correctly plugged into the ExpressCard 34/54mm slot; if not, plug in it securely.
2. If the ExpressCard is plugged in correctly, see if its gold connectors are clean; if not, clean the connector surface.
3. Follow the procedure on page 6 titled “Verifying Proper Installation”. If the ExpressCard designation “OHCI IEEE 1394b Host Controller” does not appear in the Device Manager, update your computer BIOS to the latest version (contact your

computer manufacturer for details). If after updating your BIOS your computer still does not detect the ExpressCard, contact your computer manufacturer for advanced support for BIOS.

I cannot install the ExpressCard driver.

Ensure that your Microsoft® Windows operating system is upgraded to the latest "Service Pack" (please check the Microsoft website). It is highly recommended that you update your system to Windows 2000 service pack 4, Windows XP service pack 2, or Windows Server 2003 service pack 1 (or later).

FCC Statement

DECLARATION OF CONFORMITY WITH FCC RULES FOR ELECTROMAGNETIC COMPATIBILITY

We, Belkin Corporation, of 501 West Walnut Street, Compton, CA 90220, declare under our sole responsibility that the product,

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to which this declaration relates,

Complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CE Declaration of Conformity

We, Belkin Corporation, declare under our sole responsibility that the F5U514, to which this declaration relates, is in conformity with Generic Emissions Standard EN55022:1998 Class B, EN50081-1, and with Generic Immunity Standard EN50082-1 1992.

Belkin Corporation Limited Lifetime Product Warranty

What this warranty covers.

Belkin Corporation warrants to the original purchaser of this Belkin product that the product shall be free of defects in design, assembly, material, or workmanship.

What the period of coverage is.

Belkin Corporation warrants the Belkin product for the lifetime of the product.

What will we do to correct problems?

Product Warranty.

Belkin will repair or replace, at its option, any defective product free of charge (except for shipping charges for the product).

What is not covered by this warranty?

All above warranties are null and void if the Belkin product is not provided to Belkin Corporation for inspection upon Belkin's request at the sole expense of the purchaser, or if Belkin Corporation determines that the Belkin product has been improperly installed, altered in any way, or tampered with. The Belkin Product

Warranty does not protect against acts of God (other than lightning) such as flood, earthquake, war, vandalism, theft, normal-use wear and tear, erosion, depletion, obsolescence, abuse, damage due to low voltage disturbances (i.e. brownouts or sags), non-authorized program, or system equipment modification or alteration.

How to get service.

To get service for your Belkin product you must take the following steps:

1. Contact Belkin Corporation at 501 W. Walnut St., Compton CA 90220, Attn: Customer Service, or call (800)-223-5546, within 15 days of the Occurrence. Be prepared to provide the following information:
   a. The part number of the Belkin product.
   b. Where you purchased the product.
   c. When you purchased the product.
   d. Copy of original receipt.
2. Your Belkin Customer Service Representative will then instruct you on how to forward your receipt and Belkin product and how to proceed with your claim.

Belkin Corporation reserves the right to review the damaged Belkin product. All costs of shipping the Belkin product to Belkin Corporation for inspection shall be borne solely by the purchaser. If Belkin determines, in its sole discretion, that it is impractical to ship the damaged equipment to Belkin Corporation, Belkin may designate, in its sole discretion, an equipment repair facility to inspect and estimate the cost to repair such equipment. The cost, if any, of shipping the equipment to and from such repair facility and of such estimate shall be borne solely by the purchaser. Damaged equipment must remain available for inspection until the claim is finalized. Whenever claims are settled, Belkin Corporation reserves the right to be subrogated under any existing insurance policies the purchaser may have.

How state law relates to the warranty.

THIS WARRANTY CONTAINS THE SOLE WARRANTY OF BELKIN CORPORATION, THERE ARE NO OTHER WARRANTIES, EXPRESSED OR, EXCEPT AS REQUIRED BY LAW, IMPLIED, INCLUDING THE IMPLIED WARRANTY OR CONDITION OF QUALITY, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND SUCH IMPLIED WARRANTIES, IF ANY, ARE LIMITED IN DURATION TO THE TERM OF THIS WARRANTY.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you.

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FireWire 800 ExpressCard™

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